



Receipt

PATENT
P54508CPA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

HAE-SEUNG LEE

Serial No.: 08/931,125

Examiner: PORTKA, GARY

Filed: 16 September 1997
(CPA filed on 27 March 2001)

Art Unit: 2187

For: MEMORY SYSTEM FOR IMPROVING DATA INPUT/OUTPUT PERFORMANCE AND METHOD
OF CACHING DATA RECOVERY INFORMATION

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

The Assistant Commissioner
for Patents
Washington, DC 20231

Sir:

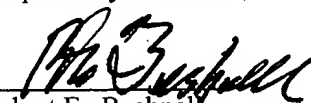
The attorney for the Applicant notes that the Official Filing Receipt for the above referenced Application bears errors.

1. Please correct the Filing Fee Record from "\$920" to -- \$710--;
2. Please correct the Total Claims from "6" to --8--; and
3. Please correct the Independent Claims from "2" to --3--.

A copy of Fee Transmittal, and Continued Prosecution Application (CPA) Request Transmittal are enclosed.

Please correct and re-issue a Corrected Filing Receipt with a correction as mentioned above.

Respectfully submitted,


Robert E. Bushnell
Attorney for the Applicant
Reg. No.: 27,774

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Washington, DC 20005
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Enclosures
Folio: P54508CPA
Date: 10/12/01
I.D.: REB/yy



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 08/931,125 | 09/16/1997 | 2187 | 920 710 | P54508 | 5 | 6 8 | 2 3 |

CONFIRMATION NO. 3842

CORRECTED FILING RECEIPT



OC000000006880511

ROBERT E BUSHNELL
1522 K STREET, N.W. SUITE 300

WASHINGTON, DC 200051202

Date Mailed: 10/10/2001

Receipt is acknowledged of a CPA in this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

HAE-SEUNG LEE, AHNYANG-CITY, KOREA, REPUBLIC OF;

Domestic Priority data as claimed by applicant

Foreign Applications

REPUBLIC OF KOREA 40202 09/16/1996

If Required, Foreign Filing License Granted 10/10/2001

CPA filed on: 03/27/2001

Projected Publication Date: 01/17/2002

Non-Publication Request: No

Early Publication Request: No

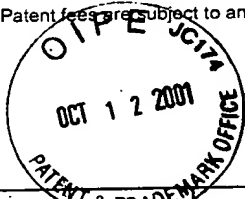
Title

MEMORY SYSTEM FOR IMPROVING DATA INPUT/OUTPUT PERFORMANCE AND METHOD
OF CACHING DATA RECOVERY INFORMATION

Preliminary Class

FEE TRANSMITTAL

Patent fees are subject to annual revision.



| Complete If Known | |
|----------------------|-------------------|
| Application Number | 08/931,125 |
| Filing Date | 16 September 1997 |
| First Named Inventor | HAE-SEUNG LEE |
| Examiner Name | PORTKA, GARY J. |
| Group/Art Unit | 2187 |
| Attorney Docket No. | P54508 / CPA |

TOTAL AMOUNT OF PAYMENT (\$)820.00

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943
 Deposit Account Number: _____

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
(CHECK #39332 & #39333)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|--------------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 101 | 710 | 201 | 355 | Utility filing fee | \$710.00 |
| 106 | 320 | 206 | 160 | Design filing fee | \$ |
| 107 | 490 | 207 | 245 | Plant filing fee | \$ |
| 108 | 710 | 208 | 355 | Reissue filing fee | \$ |
| 114 | 150 | 214 | 75 | Provisional filing fee | \$ |
| SUBTOTAL (1) | | | | | (\$) <u>710.00</u> |

2. EXTRA CLAIM FEES

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|---------|--------------|----------------|----------|
| Total claims | -20** = | x | = | |
| Independent Claims | -3** = | x | = | |
| Multiple Dependent | | | = | |

** or number previously paid, if greater; For Reissues, see below

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|-----------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 | |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$) <u>.00</u> |

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|-------------------------------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 105 | 130 | 205 | 65 | Surcharge-late filing fee or oath | \$ |
| 127 | 50 | 227 | 25 | Surcharge-late provisional filing fee or cover sheet | \$ |
| 139 | 130 | 139 | 130 | Non-English specification | \$ |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | \$ |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | \$ |
| 113 | 1,840 * | 113 | 1,840* | Requesting publication of SIR after Examiner action | \$ |
| 115 | 110 | 215 | 55 | Extension for reply within first month | \$110.00 |
| 116 | 390 | 216 | 195 | Extension for reply within second month | \$ |
| 117 | 890 | 217 | 445 | Extension for reply within third month | \$ |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | \$ |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | \$ |
| 119 | 310 | 219 | 155 | Notice of Appeal | \$ |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | \$ |
| 121 | 270 | 221 | 135 | Request for oral hearing | \$ |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | \$ |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | \$ |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | \$ |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | \$ |
| 143 | 440 | 243 | 220 | Design issue fee | \$ |
| 144 | 600 | 244 | 300 | Plant issue fee | \$ |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | \$ |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | \$ |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Statement | \$ |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (Times number of properties) | \$ |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 C.F.R. §1.129(a)) | \$ |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 C.F.R. §1.129(b)) | \$ |
| Other Fee (specify) _____ | | | | | \$ |
| Other Fee (specify) _____ | | | | | \$ |
| ** Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) | | | | | \$110.00 |

| SUBMITTED BY | | | Complete (if applicable) | |
|-----------------------|--------------------------|---------------|--------------------------|--------|
| Typed or Printed Name | Robert E. Bushnell, Esq. | | Reg. Number | 27,774 |
| Signature | Date | 27 March 2001 | Deposit Account User ID | |

REB/sb

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